

jc784 U.S. PTO  
12/31/01

01-08-02

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

1036 U.S. PTO  
10/03/01  
10/03/01  
10/03/01

1036 U.S. PTO  
10/03/01  
10/03/01  
10/03/01

Attorney Docket No. 42390.P12013  
(maximum 12 characters)

First Named Inventor Andrew J. Honcharik

Title: MECHANISM FOR HANDLING RACE CONDITIONS IN FRC-ENABLED PROCESSORS

Express Mail Label No. EL 867 651 169 US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 20)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 8)
5.  Oath or Declaration (Total Pages 6)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & documents(s))  
10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
       b. Power of Attorney  
11.  English Translation Document (if applicable)  
12.  a. Information Disclosure Statement (IDS)/PTO-1449  
       b. Copies of IDS Citations  
13.  Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17.  Other: \_\_\_\_\_

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
(which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Leo V. Novakoski

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Seventh Floor

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Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Leo V. Novakoski

Registration No.: 37,198

Signature: Leo V. Novakoski

Date: 12/31/01

## FEE TRANSMITTAL FOR FY 2002

TOTAL AMOUNT OF PAYMENT (\$) \$740.00

## Complete if Known:

Application No. Not yet assignedFiling Date 12/31/01First Named Inventor Andrew J. HoncharikGroup Art Unit Not yet assignedExaminer Name Not yet assignedAttorney Docket No. 42390.P12013

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
 Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  
 Money Order  
 Other

## FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>		
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
101	740	201	370	Utility application filing fee	<u>740</u>
106	330	206	165	Design application filing fee	<u></u>
107	510	207	255	Plant filing fee	<u></u>
108	740	208	370	Reissue filing fee	<u></u>
114	160	214	80	Provisional application filing fee	<u></u>

SUBTOTAL (1) \$ 7402. EXTRA CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>20</u>	<u>- 20** = 0</u>	<u>X</u>	<u>=</u>
Independent Claims <u>3</u>	<u>- 3** = 0</u>	<u>X</u>	<u>=</u>
Multiple Dependent			<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>		
Fee	Fee	Fee		
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	Surcharge - late filing fee or oath
127	50	227	Surcharge - late provisional filing fee or cover sheet
139	130	139	Non-English specification
147	2,520	147	For filing a request for ex parte reexamination
099	8,800	099	Request for inter partes reexamination
112	920*	112	Requesting publication of SIR prior to Examiner action
113	1,840*	113	Requesting publication of SIR after Examiner action
115	110	215	Extension for response within first month
116	400	216	Extension for response within second month
117	920	217	Extension for response within third month
118	1,440	218	Extension for response within fourth month
128	1,960	228	Extension for response within fifth month
119	320	219	Notice of Appeal
120	320	220	Filing a brief in support of an appeal
121	280	221	Request for oral hearing
138	1,510	138	Petition to institute a public use proceeding
140	110	240	Petition to revive unavoidably abandoned application or unavoidably delayed payment of issue fee
141	1,280	241	Petition to revive unintentionally abandoned application or unintentionally delayed payment of issue fee
142	1,280	242	Utility issue fee (or reissue)
143	460	243	Design issue fee
144	620	244	Plant issue fee
122	130	122	Petitions to the Commissioner
123	50	123	Petitions related to provisional applications
126	180	126	Submission of Information Disclosure Stmt
581	40	581	Recording each patent assignment per property (times number of properties)
146	740	246	For filing a submission after final rejection (see 37 CFR 1.129(a))
149	740	249	For each additional invention to be examined (see 37 CFR 1.129(b))
179	740	279	Request for Continued Examination (RCE)
169	900	169	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Leo V. Novakoski

Signature: L. V. Novakoski Date: 12/31/01

Reg. Number: 37,198 Telephone Number: (408) 720 8300

Serial/Patent No. **\*\*\*\*\*** Filing/Issue Date: **12/31/01**  
 Client: **Intel Corporation** Title: **MECHANISM FOR HANDLING CONDITIONS IN FRC-ENABLED PROCESSORS**  
 BSTZ File No.: **42390 P12013** Atty/Secy/ Initials: **LVN/mrp**  
 Date Mailed: **12/31/01** Docket Due Date: **\*\*\*\*\***

**The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:**

<input type="checkbox"/> Amendment/Response (____ pgs.)	<input checked="" type="checkbox"/> Express Mail No. <b>EL867651169US</b>	<input type="checkbox"/> Check No. <b>47407</b>
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input type="checkbox"/> Month(s) Extension of Time	<input type="checkbox"/> Amt. <b>\$740.00</b>
<input checked="" type="checkbox"/> Application - Utility <b>20</b> pgs. with cover and abstract	<input type="checkbox"/> Information Disclosure Statement & PTO-149 (____ pgs.)	<input type="checkbox"/> Check No. _____
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)	<input type="checkbox"/> Issue Fee Transmittal	<input type="checkbox"/> Amt. _____
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input type="checkbox"/> Petition for _____	
<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Application - PCT (____ pgs.)	<input type="checkbox"/> Power of Attorney (____ pgs.)	
<input type="checkbox"/> Application - Provisional (____ pgs.)	<input type="checkbox"/> Preliminary Amendment (____ pgs.)	
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs.)	
<input checked="" type="checkbox"/> Certificate of Mailing (express)	<input type="checkbox"/> Response to Notice of Missing Parts	
<input checked="" type="checkbox"/> Declaration & POA (____ pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business	
<input type="checkbox"/> Disclosure Docs & Org & Copy of Inventor Signed Letter (____ pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate	
<input checked="" type="checkbox"/> Drawings: <b>8</b> # of sheets include: <b>8</b> figures	<input type="checkbox"/> Fee Transmittal, in duplicate	
<input checked="" type="checkbox"/> Other <b>Copy of return receipt postcard with express mail certificate of mailing.</b>		

"Express Mail" mailing label number: **EL 867 651 169 US**

Date of Deposit: **December 31, 2001**

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents, Washington, D. C. 20231

**Maureen R. Pettibone**

(Typed or printed name of person mailing paper or fee)

**Maureen R. Pettibone**

(Signature of person mailing paper or fee)

**12/31/01**

(Date signed)